

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051421\
 Data File : VX021993.D
 Acq On : 14 May 2021 14:18
 Operator : JC/MD
 Sample : M2383-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KTW-01

Quant Time: May 15 01:04:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 08 05:38:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

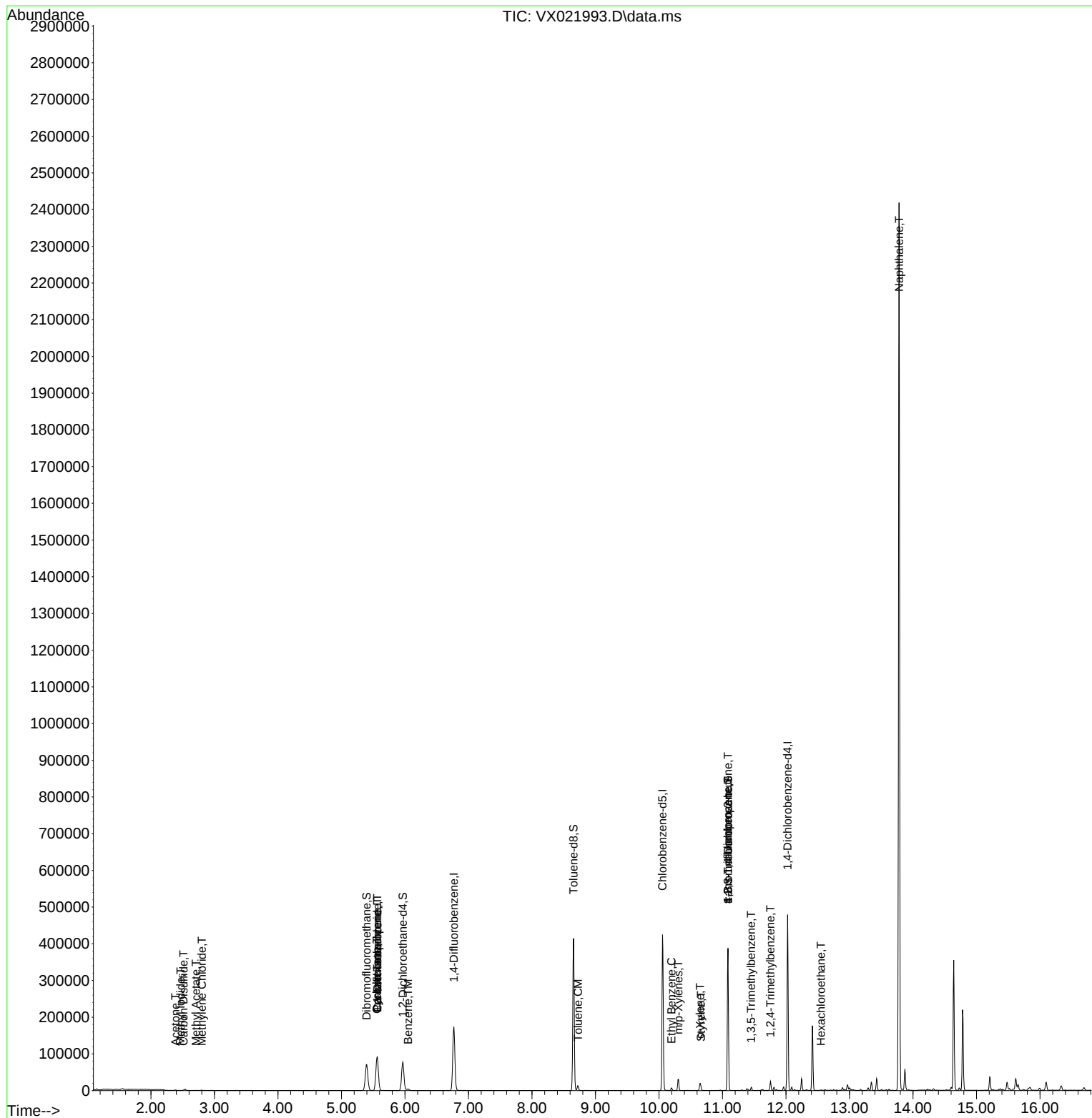
Internal Standards						
1) Pentafluorobenzene	5.562	168	81537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	176943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69722	51.96	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.92%			
35) Dibromofluoromethane	5.398	113	60634	50.00	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.00%			
50) Toluene-d8	8.653	98	240016	51.87	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.74%			
62) 4-Bromofluorobenzene	11.086	95	106112	58.10	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.20%			
Target Compounds					Qvalue	
10) Methyl Iodide	2.465	142	322	0.26	ug/l #	88
13) Acrolein	2.215	56	29	Below Cal	#	1
16) Acetone	2.386	43	1685	2.80	ug/l	95
17) Carbon Disulfide	2.514	76	1096	0.36	ug/l #	91
18) Methyl Acetate	2.709	43	469	0.28	ug/l #	47
20) Methylene Chloride	2.800	84	445	0.50	ug/l #	64
31) Cyclohexane	5.556	56	2012	1.14	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	7394	3.94	ug/l #	46
38) Carbon Tetrachloride	5.562	117	9256	4.94	ug/l #	16
40) Benzene	6.050	78	4640	0.82	ug/l #	85
52) Toluene	8.726	92	4894	1.36	ug/l	96
67) Ethyl Benzene	10.195	91	4190	0.52	ug/l	95
68) m/p-Xylenes	10.305	106	7548	2.47	ug/l	97
69) o-Xylene	10.647	106	3968	1.30	ug/l	92
70) Styrene	10.659	104	3190	0.63	ug/l	93
76) 1,2,3-Trichloropropane	11.086	75	53762	21.91	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	3907	0.58	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.086	75	53762	50.83	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.756	105	9930	1.48	ug/l	99
90) Hexachloroethane	12.549	117	279	0.23	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	12.969	75	213	Below Cal	#	1
95) Naphthalene	13.780	128	1398934	180.86	ug/l	100

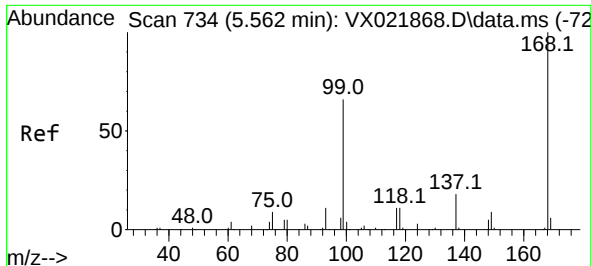
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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KTW-01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
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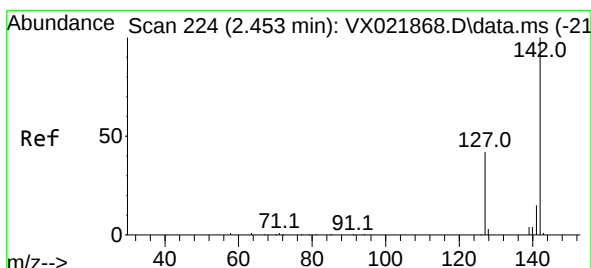
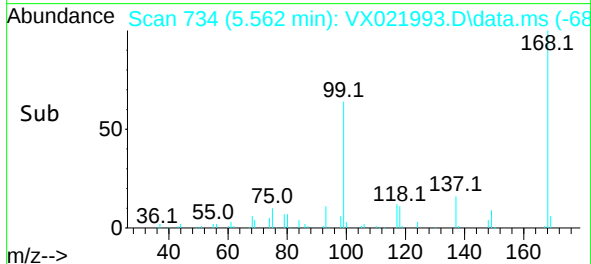
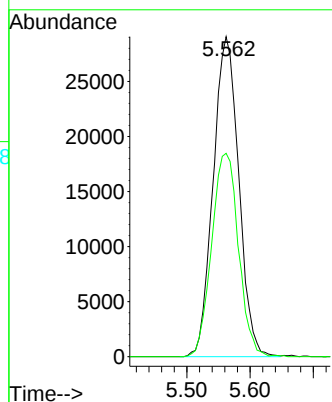
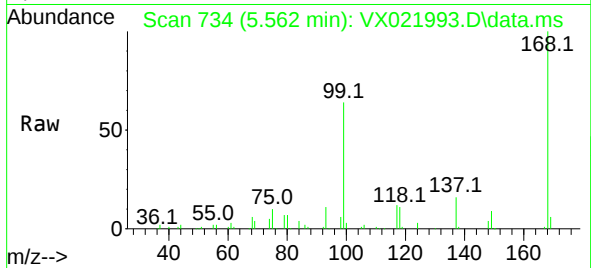




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

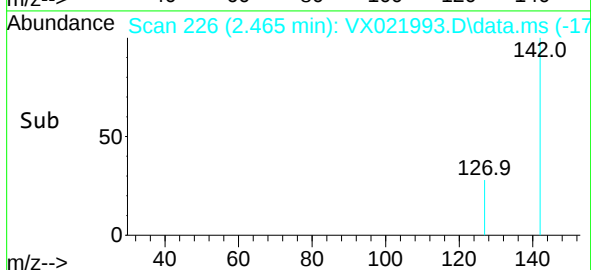
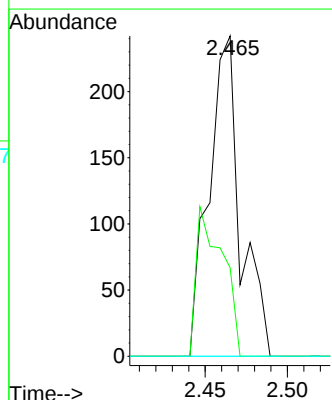
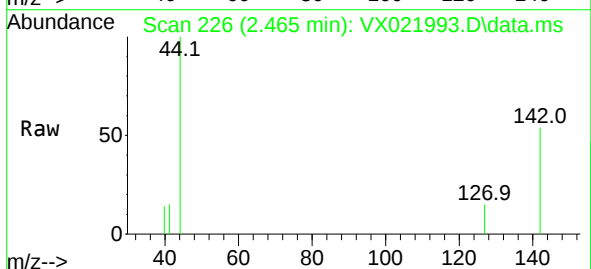
Instrument :
MSVOA_X
ClientSampled :
KTW-01

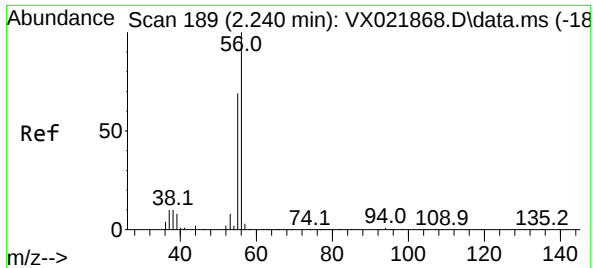
Tgt Ion:168 Resp: 81537
Ion Ratio Lower Upper
168 100
99 63.6 45.8 68.6



#10
Methyl Iodide
Concen: 0.26 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
127 39.1 33.3 49.9
141 0.0 11.4 17.0#

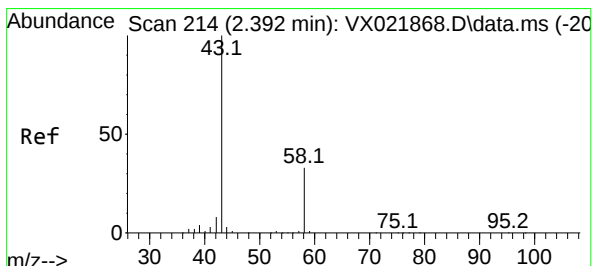
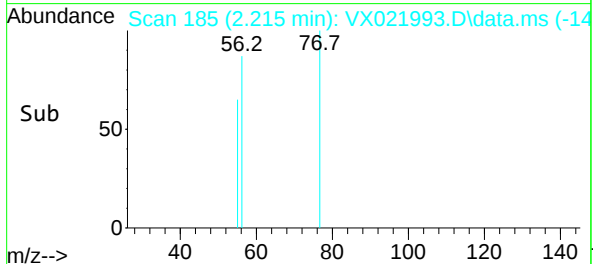
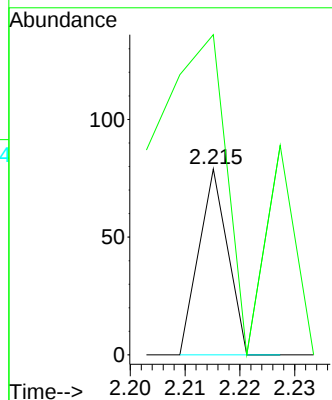
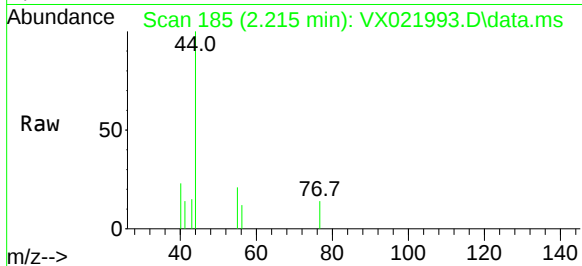




#13
Acrolein
Concen: Below Cal
RT: 2.215 min Scan# 185
Delta R.T. -0.025 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

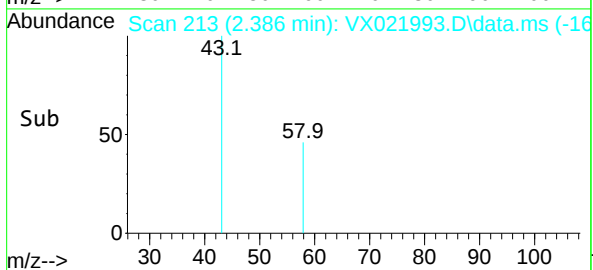
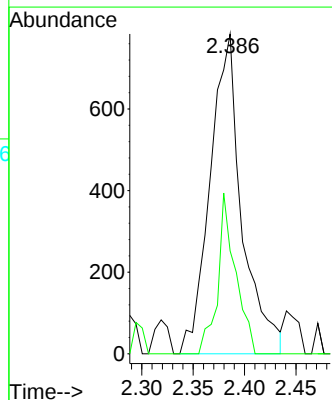
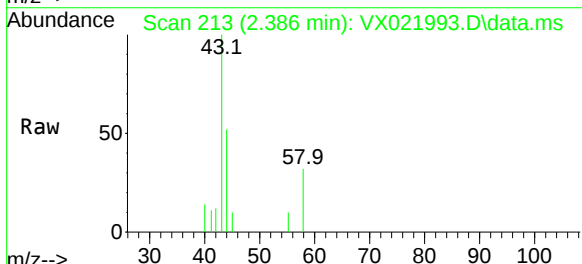
Instrument :
MSVOA_X
ClientSampled :
KTW-01

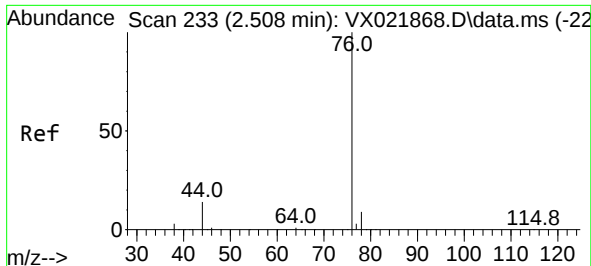
Tgt Ion: 56 Resp: 29
Ion Ratio Lower Upper
56 100
55 544.8 56.4 84.6#



#16
Acetone
Concen: 2.80 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 43 Resp: 1685
Ion Ratio Lower Upper
43 100
58 32.1 27.8 41.8

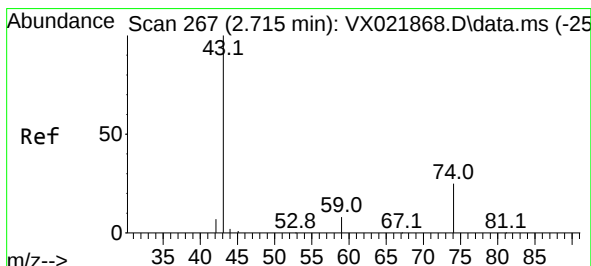
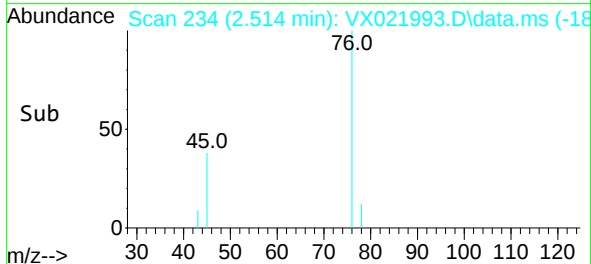
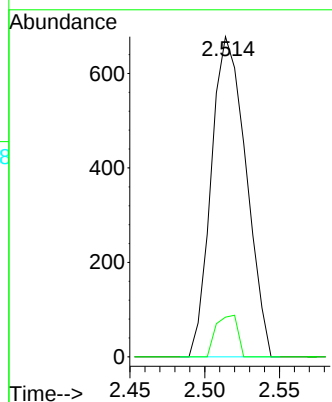
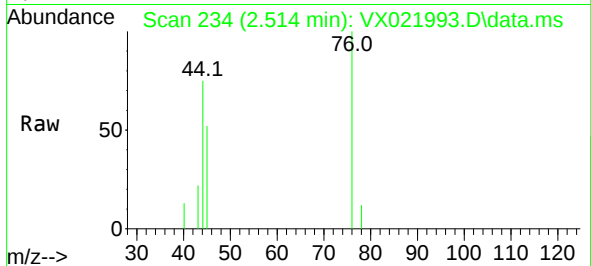




#17
Carbon Disulfide
Concen: 0.36 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

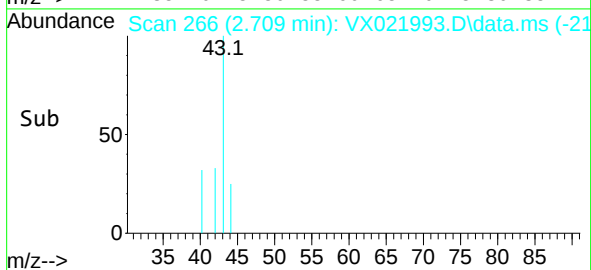
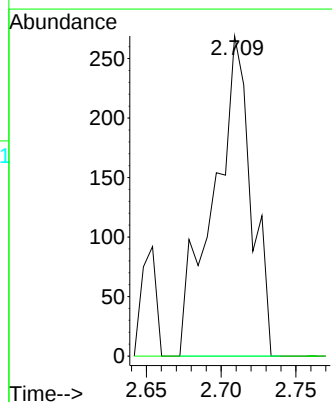
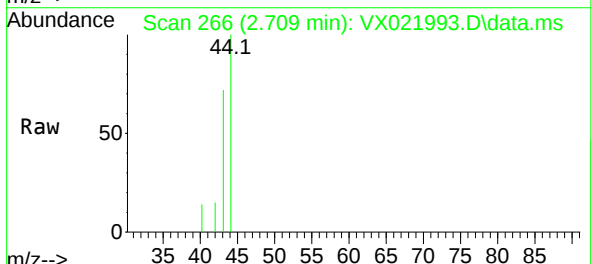
Instrument :
MSVOA_X
ClientSampled :
KTW-01

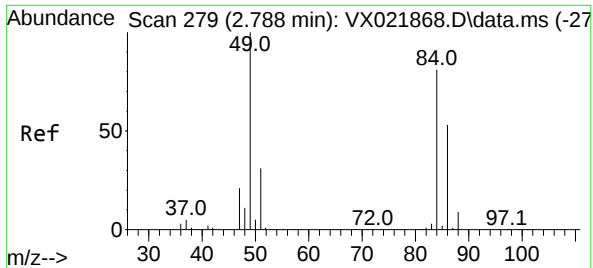
Tgt Ion: 76 Resp: 1096
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



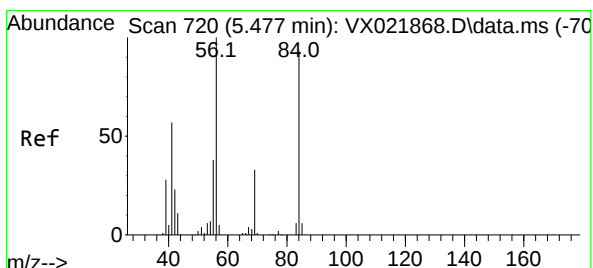
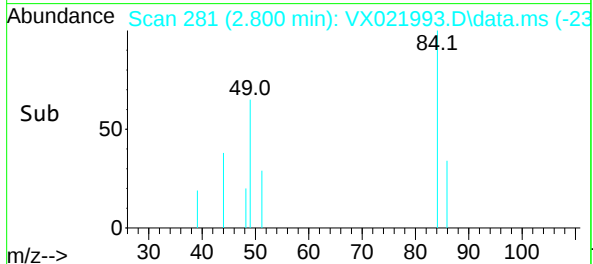
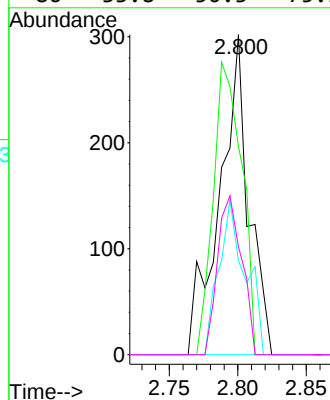
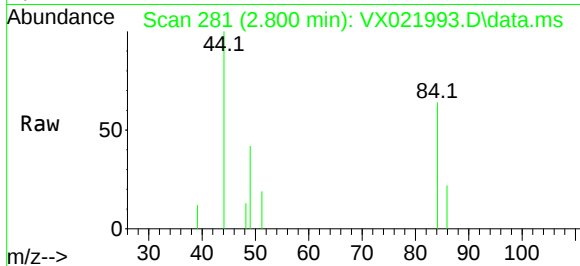


#20
Methylene Chloride
Concen: 0.50 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Instrument :
MSVOA_X
ClientSampled :
KTW-01

Tgt Ion: 84 Resp: 445

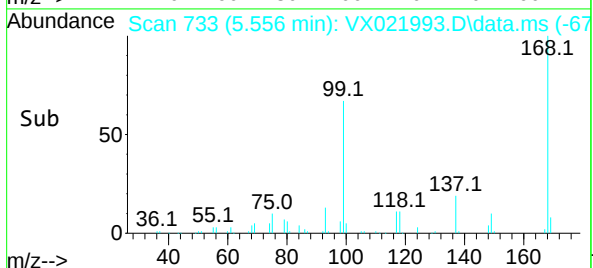
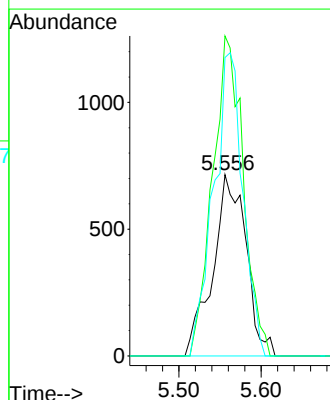
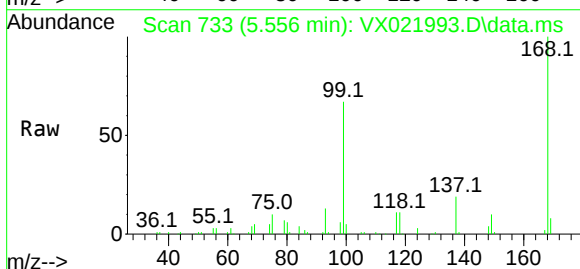
Ion	Ratio	Lower	Upper
84	100		
49	65.2	88.6	132.8#
51	29.5	27.0	40.6
86	33.8	50.3	75.5#

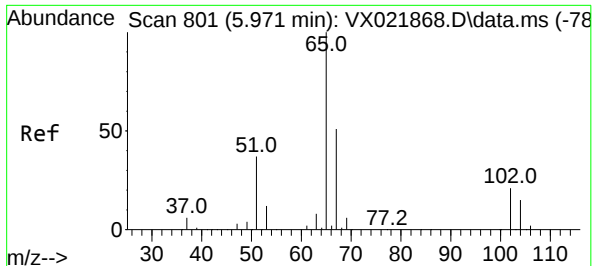


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 56 Resp: 2012

Ion	Ratio	Lower	Upper
56	100		
69	176.5	25.3	37.9#
84	164.6	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.96 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX021993.D

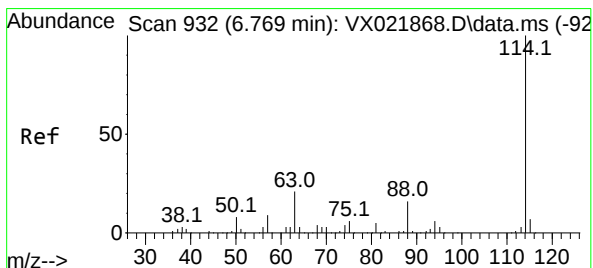
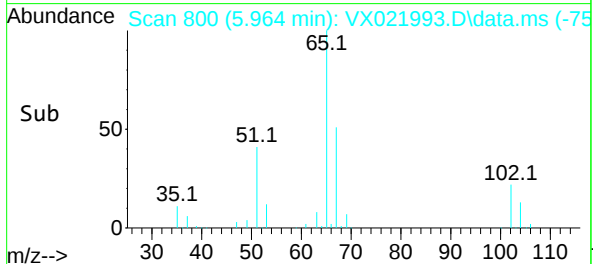
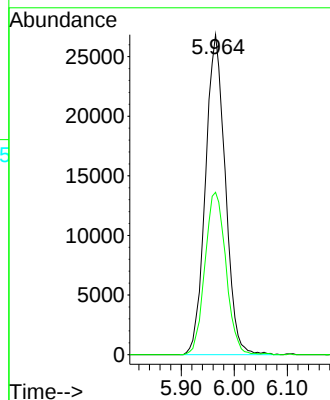
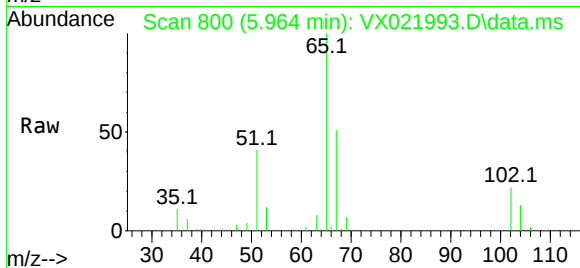
Acq: 14 May 2021 14:18

Tgt Ion: 65 Resp: 69722

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX021993.D

Acq: 14 May 2021 14:18

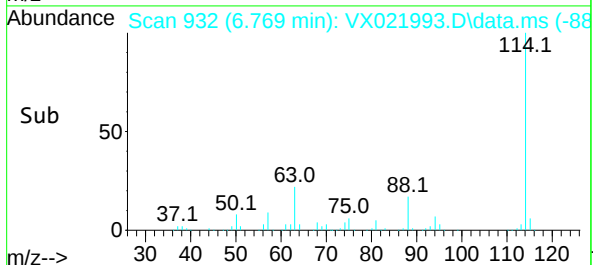
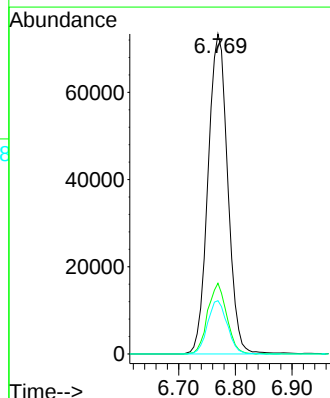
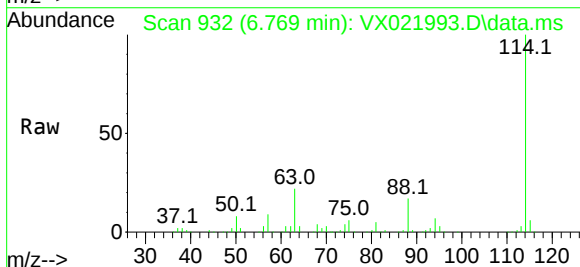
Tgt Ion: 114 Resp: 176943

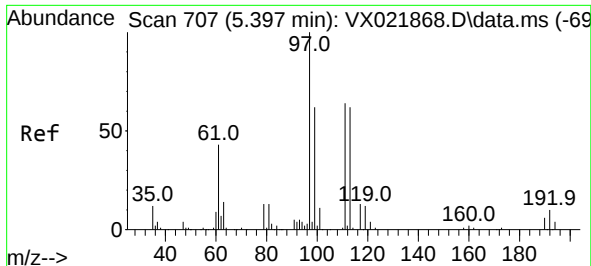
Ion Ratio Lower Upper

114 100

63 22.1 0.0 40.8

88 16.7 0.0 32.8

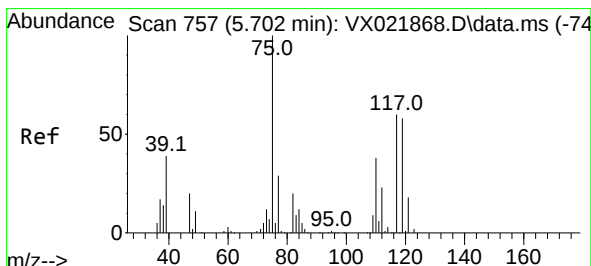
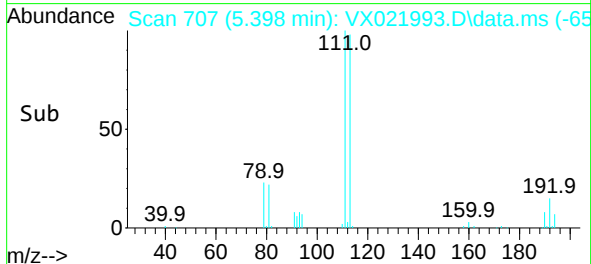
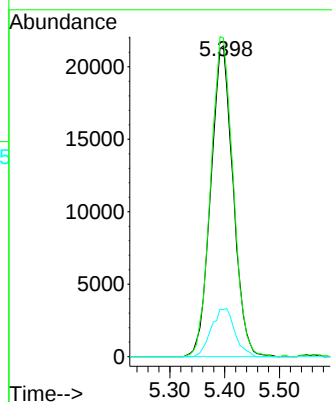
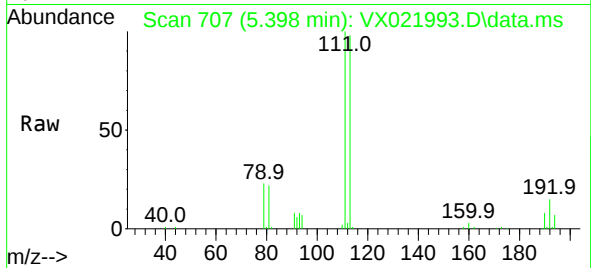




#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

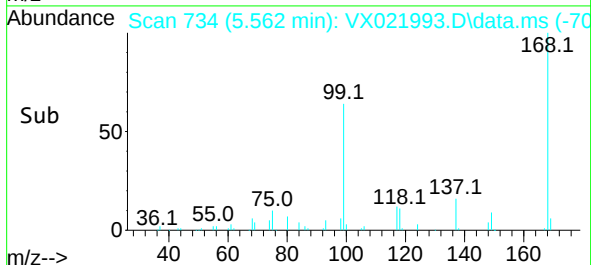
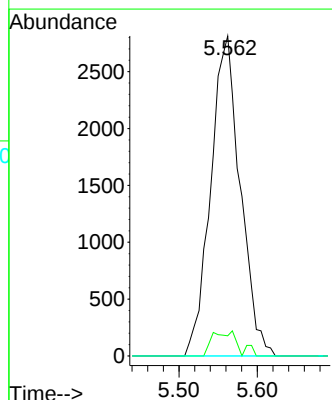
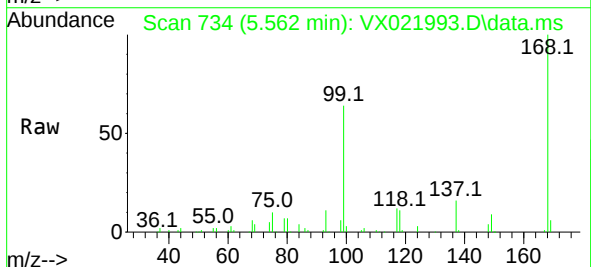
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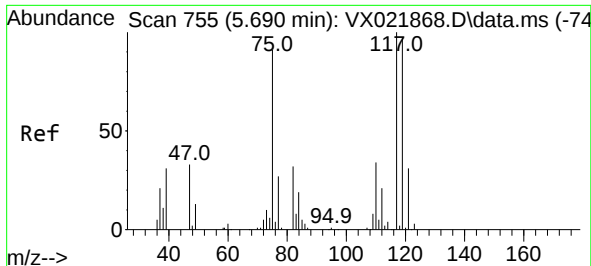
Tgt Ion:113 Resp: 60634
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 16.3 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 3.94 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

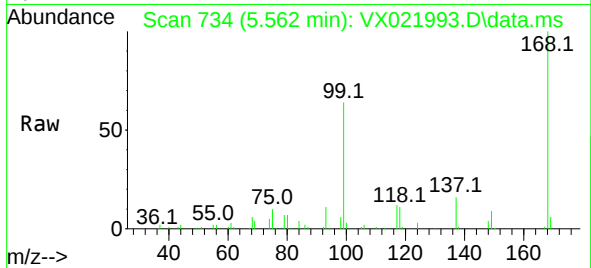
Tgt Ion: 75 Resp: 7394
Ion Ratio Lower Upper
75 100
110 5.9 18.1 54.4#
77 0.0 25.3 37.9#



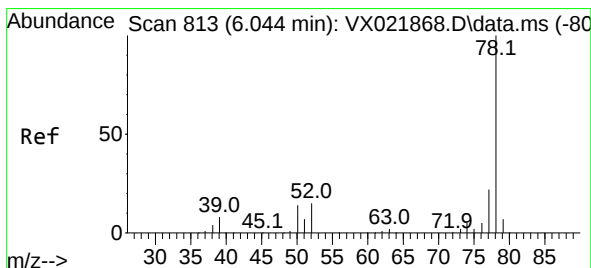
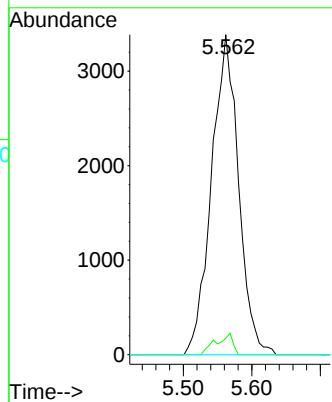
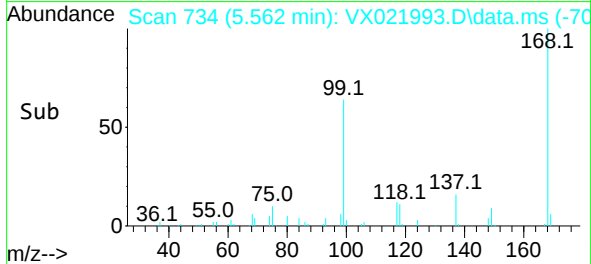


#38
Carbon Tetrachloride
Concen: 4.94 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

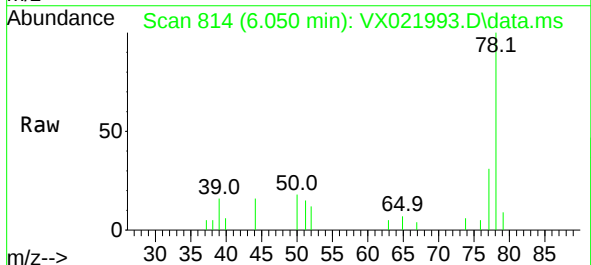
Instrument :
MSVOA_X
ClientSampled :
KTW-01



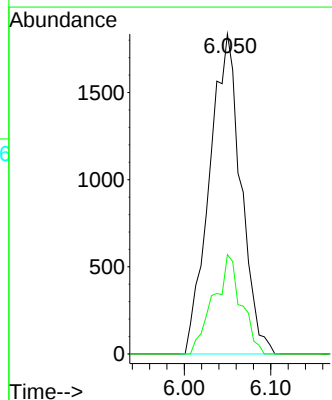
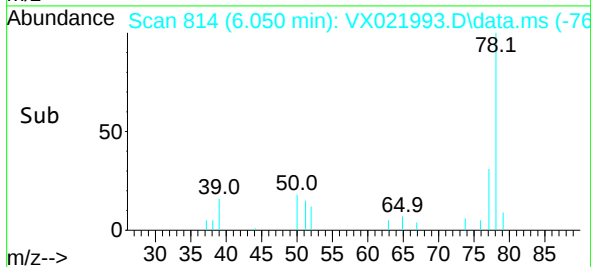
Tgt Ion:117 Resp: 9256
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

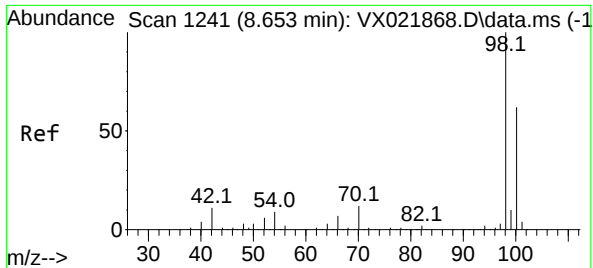


#40
Benzene
Concen: 0.82 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18



Tgt Ion: 78 Resp: 4640
Ion Ratio Lower Upper
78 100
77 31.0 18.9 28.3#

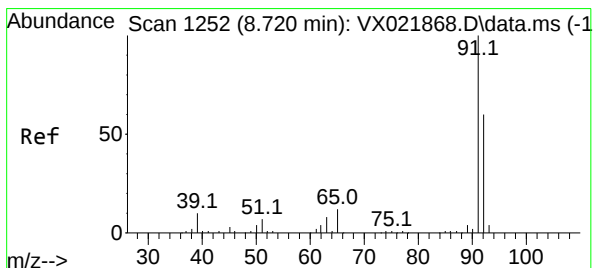
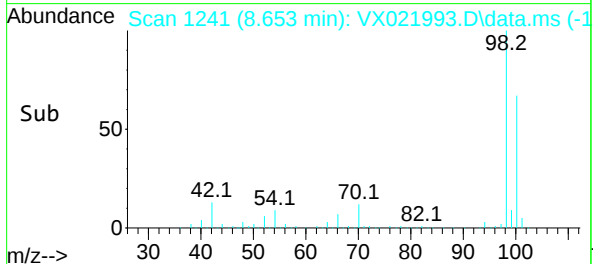
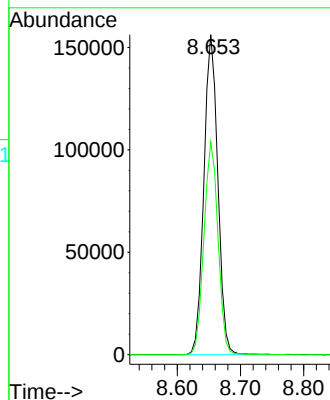
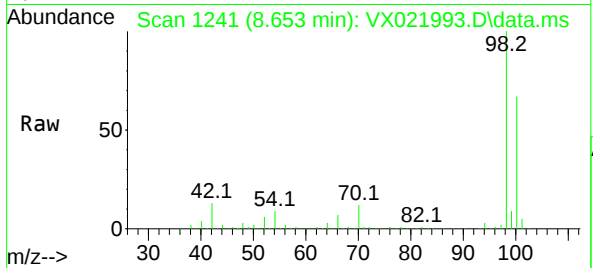




#50
Toluene-d8
Concen: 51.87 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

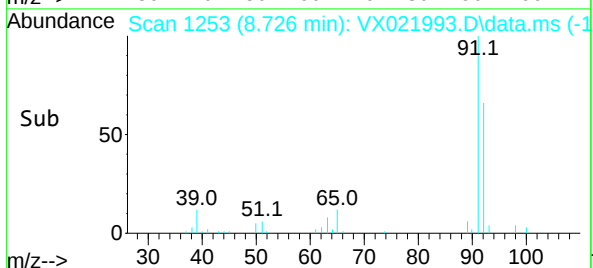
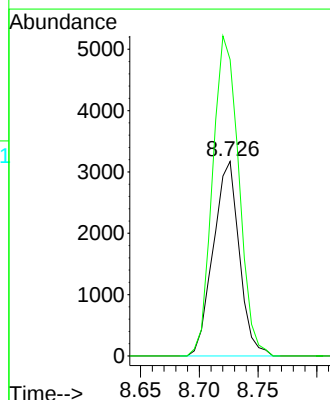
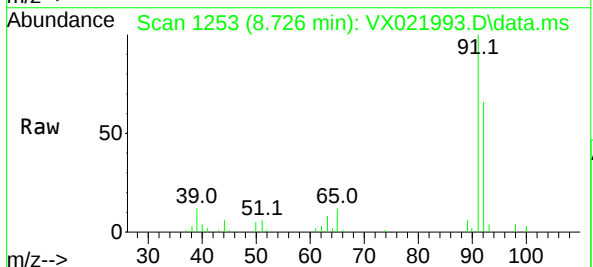
Instrument :
MSVOA_X
ClientSampleId :
KTW-01

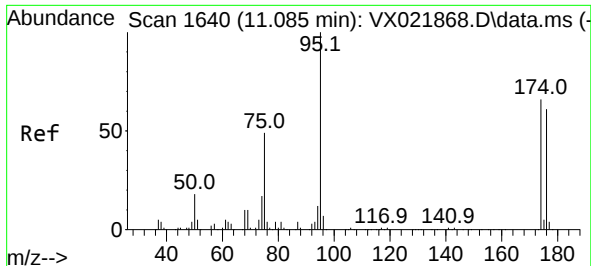
Tgt Ion: 98 Resp: 240016
Ion Ratio Lower Upper
98 100
100 67.1 51.9 77.9



#52
Toluene
Concen: 1.36 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 92 Resp: 4894
Ion Ratio Lower Upper
92 100
91 165.5 137.1 205.7

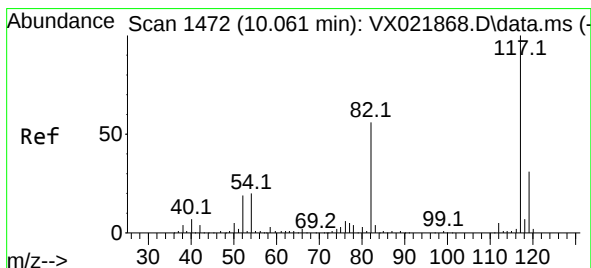
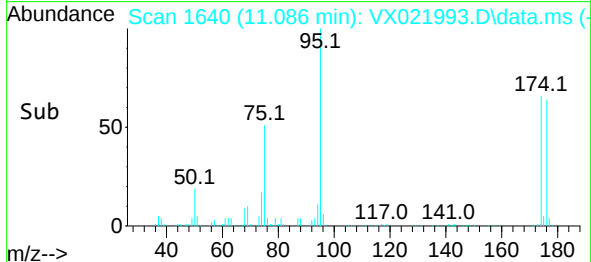
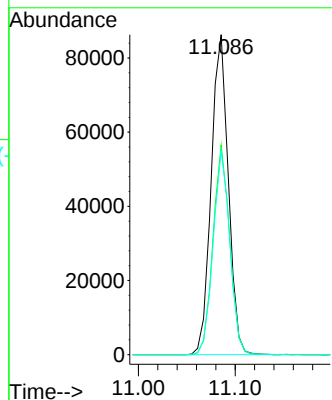
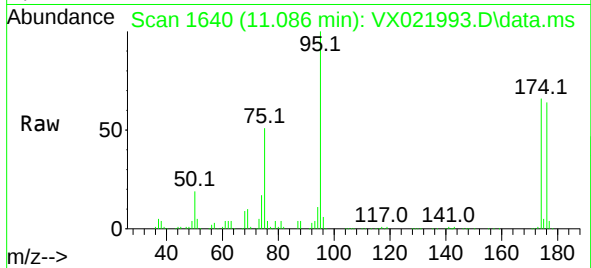




#62
4-Bromofluorobenzene
Concen: 58.10 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

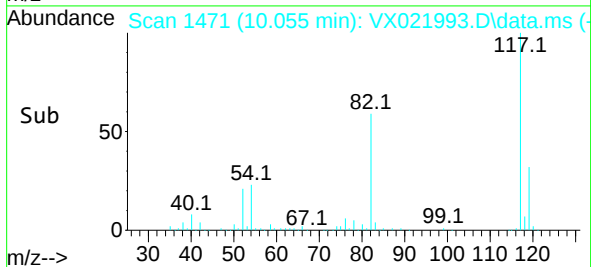
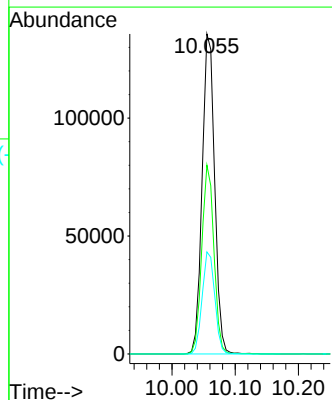
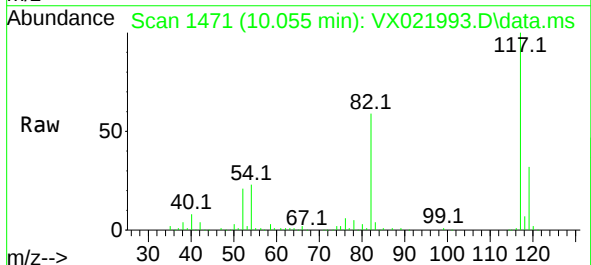
Instrument :
MSVOA_X
ClientSampled :
KTW-01

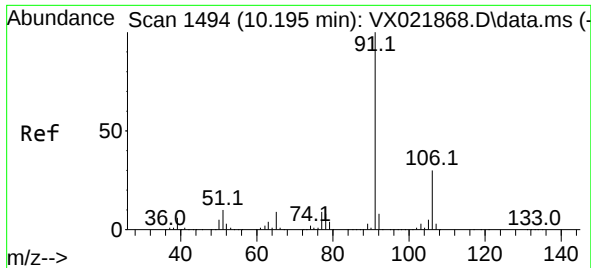
Tgt Ion: 95 Resp: 106112
Ion Ratio Lower Upper
95 100
174 63.8 0.0 154.6
176 62.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 117 Resp: 186895
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.9 26.6 39.8

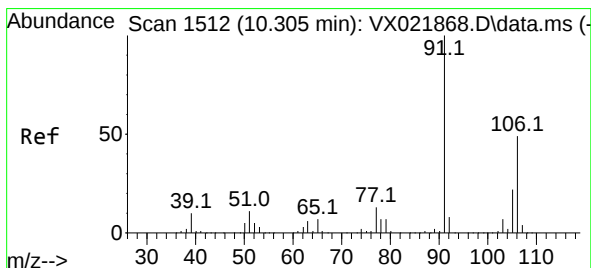
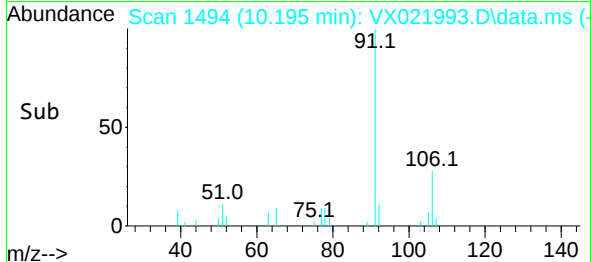
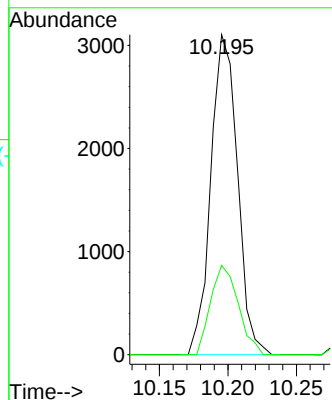
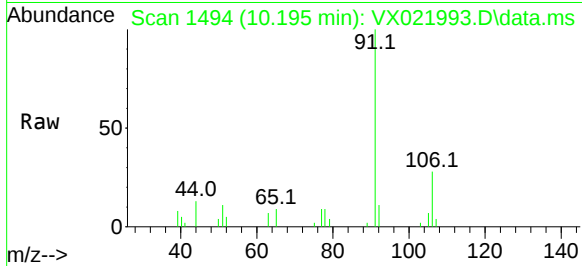




#67
Ethyl Benzene
Concen: 0.52 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

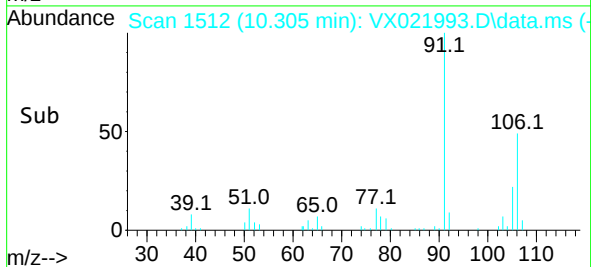
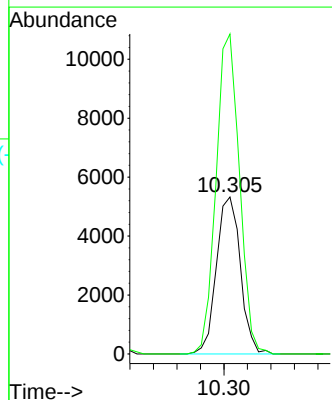
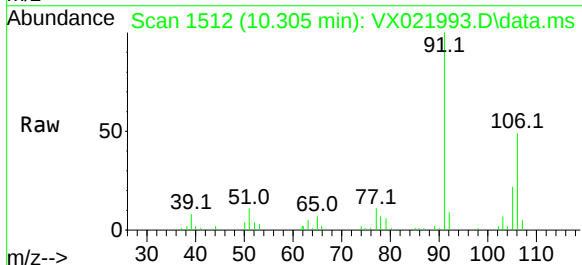
Instrument :
MSVOA_X
ClientSampled :
KTW-01

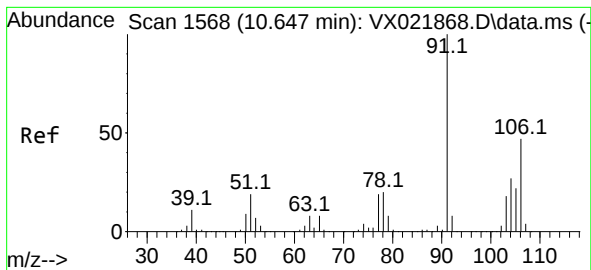
Tgt Ion: 91 Resp: 4190
Ion Ratio Lower Upper
91 100
106 27.9 24.6 37.0



#68
m/p-Xylenes
Concen: 2.47 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 106 Resp: 7548
Ion Ratio Lower Upper
106 100
91 199.2 162.8 244.2

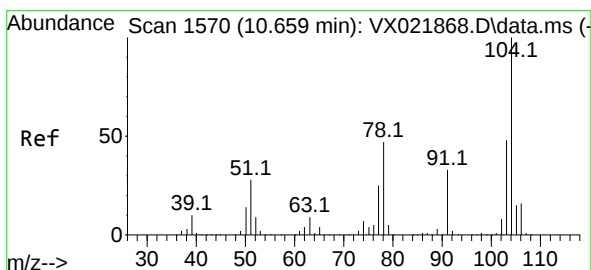
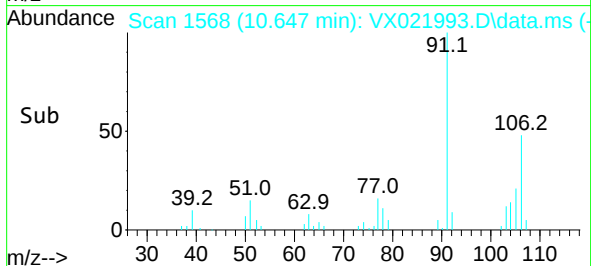
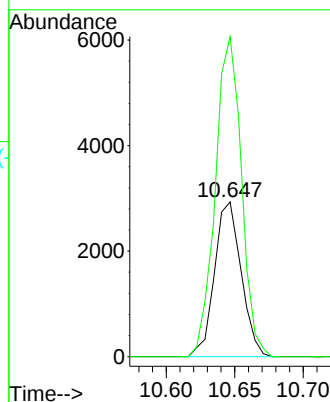
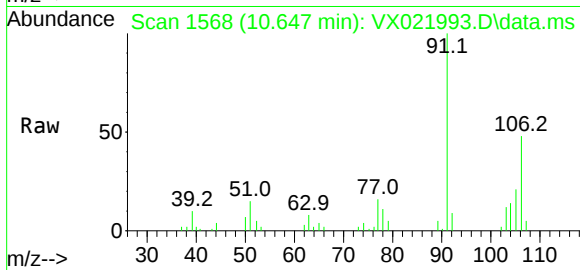




#69
o-Xylene
Concen: 1.30 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

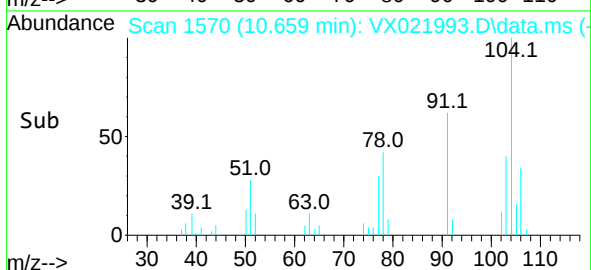
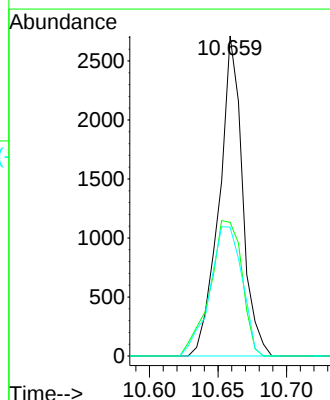
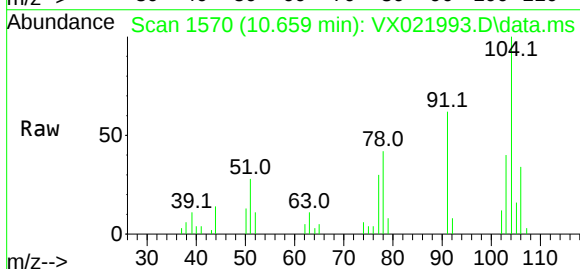
Instrument :
MSVOA_X
ClientSampled :
KTW-01

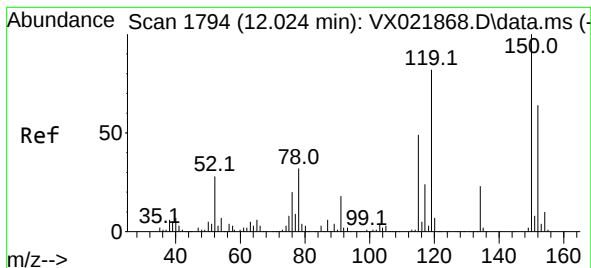
Tgt Ion:106 Resp: 3968
Ion Ratio Lower Upper
106 100
91 202.7 108.1 324.2



#70
Styrene
Concen: 0.63 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion:104 Resp: 3190
Ion Ratio Lower Upper
104 100
78 58.4 40.0 60.0
103 56.2 43.4 65.0

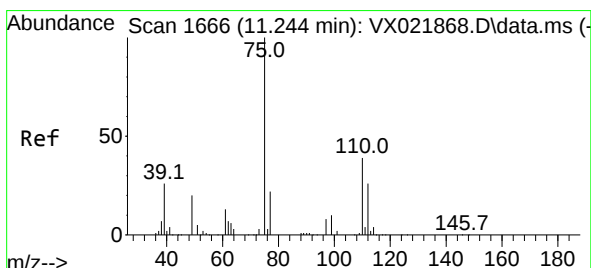
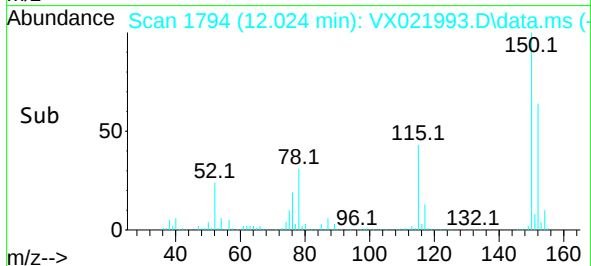
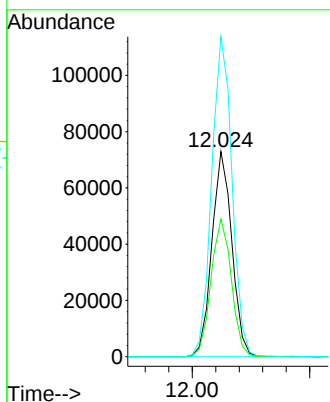
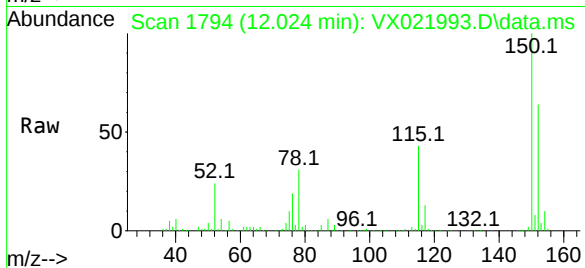




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX021993.D
 Acq: 14 May 2021 14:18

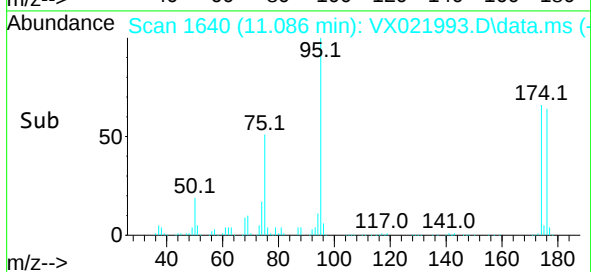
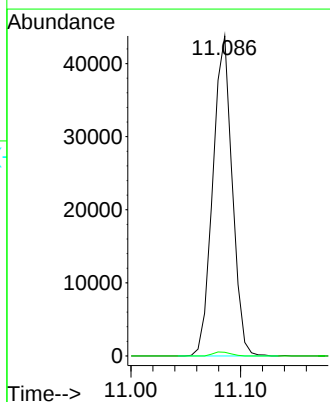
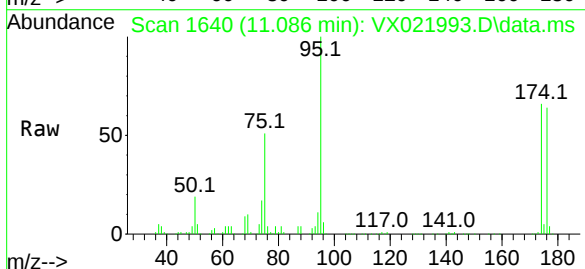
Instrument :
 MSVOA_X
 ClientSampled :
 KTW-01

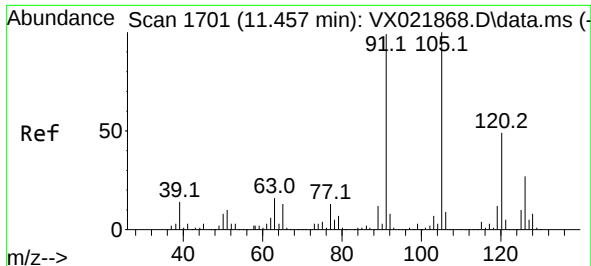
Tgt Ion:152 Resp: 86290
 Ion Ratio Lower Upper
 152 100
 115 68.2 41.1 123.3
 150 158.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.91 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX021993.D
 Acq: 14 May 2021 14:18

Tgt Ion: 75 Resp: 53762
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

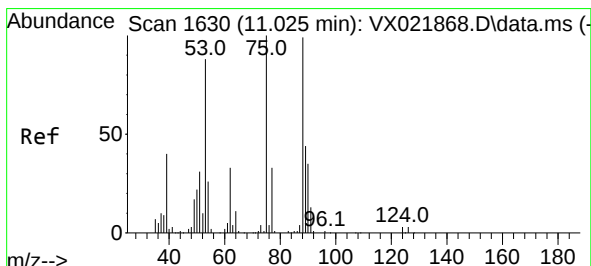
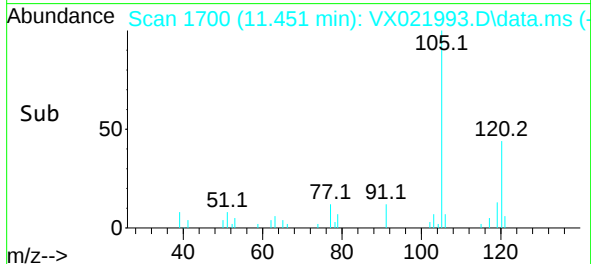
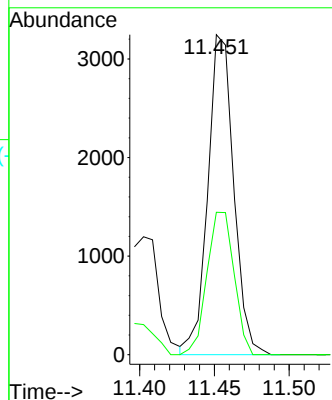
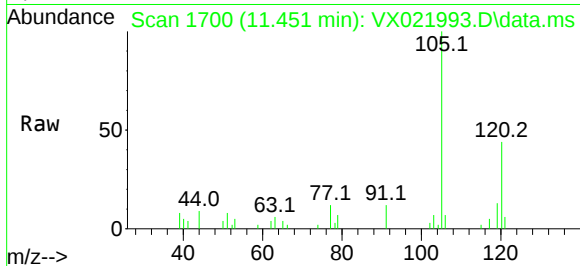




#80
1,3,5-Trimethylbenzene
Concen: 0.58 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

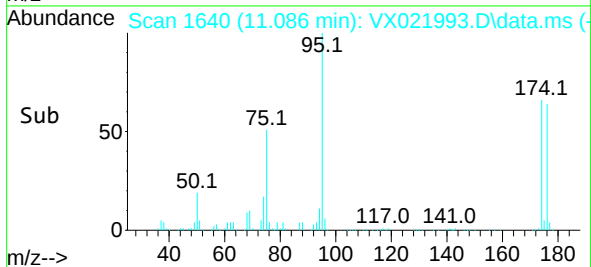
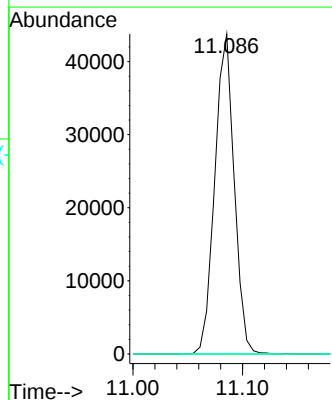
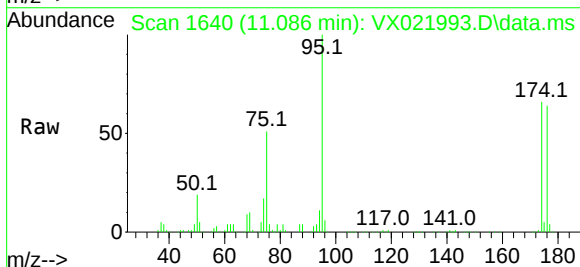
Instrument :
MSVOA_X
ClientSampled :
KTW-01

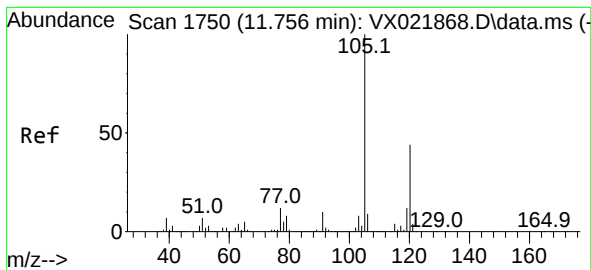
Tgt Ion:105 Resp: 3907
Ion Ratio Lower Upper
105 100
120 46.6 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 50.83 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion: 75 Resp: 53762
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

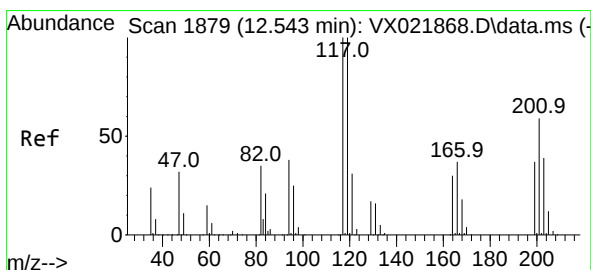
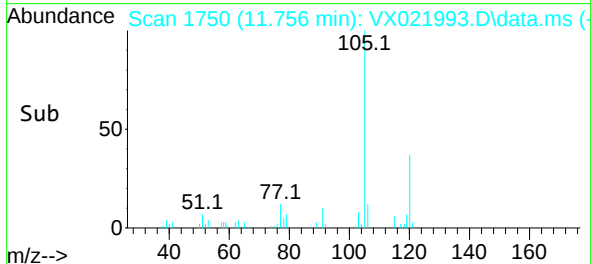
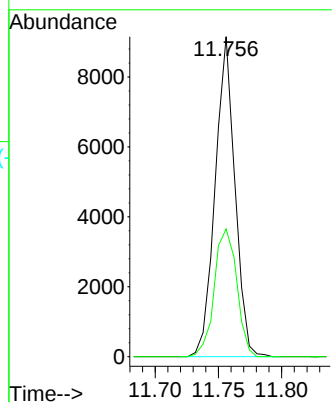
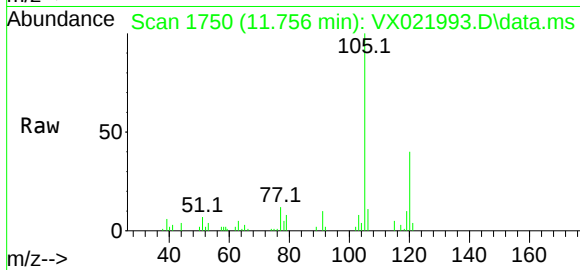




#84
1,2,4-Trimethylbenzene
Concen: 1.48 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

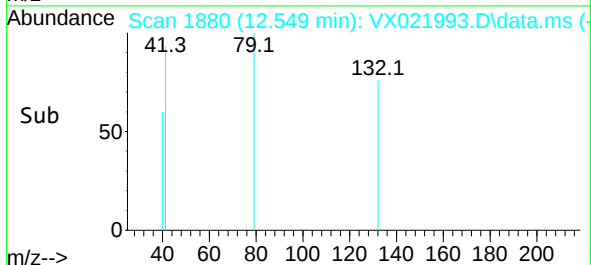
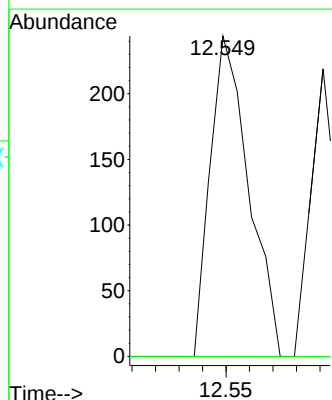
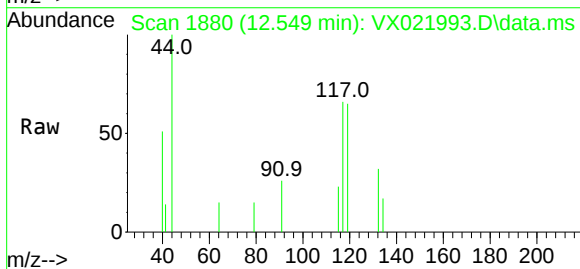
Instrument :
MSVOA_X
ClientSampled :
KTW-01

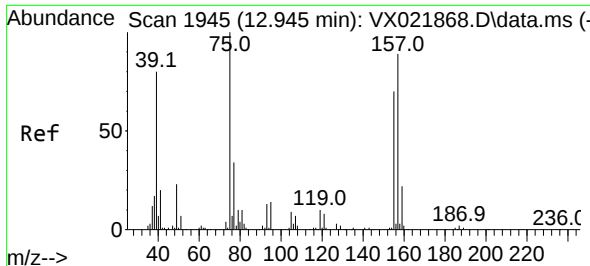
Tgt Ion:105 Resp: 9930
Ion Ratio Lower Upper
105 100
120 45.3 22.4 67.3



#90
Hexachloroethane
Concen: 0.23 ug/l
RT: 12.549 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion:117 Resp: 279
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

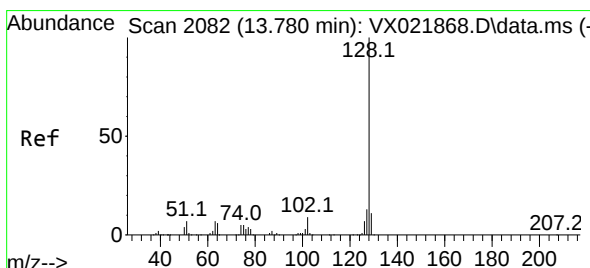
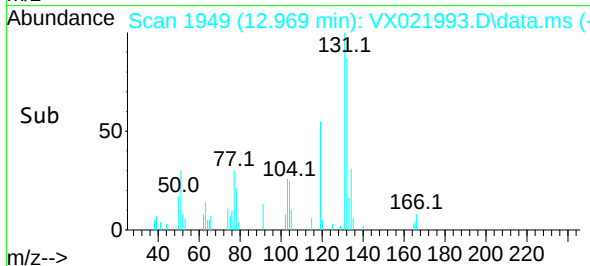
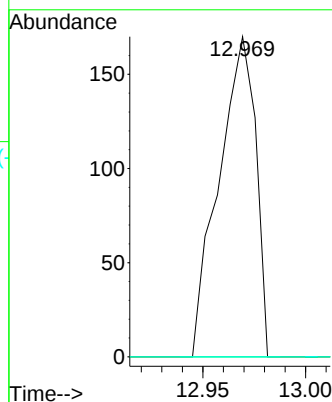
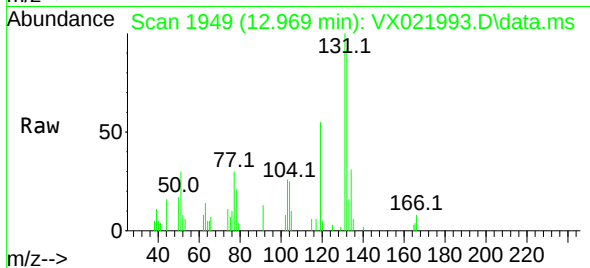




#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 12.969 min Scan# 1949
Delta R.T. 0.024 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Instrument :
MSVOA_X
ClientSampled :
KTW-01

Tgt Ion: 75 Resp: 213
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 180.86 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX021993.D
Acq: 14 May 2021 14:18

Tgt Ion:128 Resp: 1398934
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.8 13.2

